

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)
425.1018

Application Number
10/1574639

Applicant(s)

THIRY, Michel et al., **PCT/PTO**, **1 MAR 2006**

Filing Date

Group A Unit

Herewith

Unknown

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|------|-----|-----------------|------------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| /00/ | A1 | WO 02/38770 | 05/16/2002 | PCT | | | | |
| /00/ | A2 | WO 01/68865 | 09/20/2001 | PCT | | | | |
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|------|----|---|
| /00/ | A3 | J.C. Leong, et al., FISH VACCINE ANTIGENS PRODUCED..., Dev. Biol. Stand. Basel, Karger, vol 90, pp. 267-277, 1997 XP-001062656 |
| /00/ | A4 | KUZYK, Michael A., ANTIGENIC CHARACTERIZATION OF THE SALMONID..., Infection and Immunity, Dec., pp. 5205-5210, 1996, XP-001029511 |

EXAMINER

/Oluwatosin Ogunbiyi/

DATE CONSIDERED

11/14/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Docket Number (Optional)
 425.1018

Application Number
 107544639
 To be assigned

Applicant(s)

THIRY, Michel et al.

Filing Date

14200304 PCT/PTO 31 MAR 2006

Group Art Unit

Herewith

Unknown

*EXAMINER
 INITIAL

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|------|-----|---|
| /00/ | A5 | RUSSMANN, Holger, et al., ATTENUATED YERSINIA PSEUDOTUBERCULOSIS..., Infection and Immunity, pp. 3463-3472, June 2003, XP-002325391 |
| /00/ | A6 | HENRIQUEZ, Vitalia, et al., AN ALTERNATIVE EFFICIENT PROCEDURE..., Applied and Environmental Microbiology, pp. 6268-6271, Oct. 2003, XP001206212 |
| /00/ | A7 | VALENZUELA, P., et al., "SEQUENCE AND APPLICATIONS OF THE PISCIRICKTSIA SALMONIS GENOME", Biological Research, vol. 34, pp. 3-4, 2001, XP-002325385 |
| /00/ | A8 | HENRIQUEZ, V B., IMPROVED PURIFICATION OF THE OBLIGATE INTRACELLULAR..., XP-002325615 |
| /00/ | A9 | MIQUEL, Alvaro, et al., IMMUNORESPONSE OF COHO SALMON IMMUNIZED..., Biol Res., vol. 36, pp. 313-323, 2003, XP-002325386 |
| /00/ | A10 | WILHELM, Vivian, et al., THE COMPLETE SEQUENCE OF THE MITOCHONDRIAL GENOME..., Bio Res. vol. 36, pp. 223-231, 2003, XP009046676 |
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Docket Number (Optional)

425.1018

Application Number

10/574,639

Applicant(s)

THIRY, Michael, et al.

Filing Date

March 31, 2006

Group Art Unit

Unknown

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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U.S. PATENT APPLICATION PUBLICATIONS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|------|----|--|
| /00/ | A1 | Jae Hyung AN, et al., A GENE CLUSTER ENCODING MALONYL-CoA DECARBOXYLASE..., Eur. J. Biochem. Vol. 257, pp. 395-402, 1998, XP-002337933 |
| /00/ | A2 | M.N. Barnes, et al., PURIFICATION OF PISCIRICKETTSIA SALMONIS AND PARTIAL..., Diseases of Aquatic Organisms, Vol 33, pp. 33-41, 1998, XP-001029898 |

EXAMINER

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| EXAMINER INITIAL. | OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | |
|----------------------|---|--|
| /00/ | A3 | Vitalia Henriquez, et al., AN ALTERNATIVE EFFICIENT PROCEDURE FOR PURIFICATION OF THE OBLIGATE.... Applied and Environmental Microbiology, Vol. 69, pp. 6268-6271, 2003, XP001206212 |
| /00/ | A4 | An, J.H., and Kim, Y.S., A GENE CLUSTER ENCODING MALONYL-CoA..., General Description References Comments Links Sequence, XP-002338107 |
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| Substitute for form 1449/PTO | | Complete if Known | |
| | | Application Number | 10/574,639 |
| | | Filing Date | February 28, 2007 |
| | | First Named Inventor | Thiry, Michel |
| | | Art Unit | 1645 |
| | | Examiner Name | OGUNBIYI, Oluwatosin A. |
| Sheet | 1 | of | 1 |
| | | Attorney Docket Number | |
| | | 425-1018 | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| /OO/ | B1 | CL 2086-2001 | 08/27/2001 | | | ✓ |
| /OO/ | B2 | EP 0 712 926 | 05/22/1996 | | | |
| /OO/ | B3 | WO 02/38770 | 05/16/2002 | | | |
| /OO/ | B4 | WO 01/49712 | 07/12/2001 | | | |
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| Examiner Signature | /Oluwatosin Ogunbiyi/ | Date Considered | 11/14/2007 |
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